

Intermediate Reactions of Cyclohexyl Hydroperoxide,  
Cyclohexanol, and Cyclohexanone during the Oxidation  
of Cyclohexane in a Glass Reactor, by I. V.  
Berezin, B. G. Dzantiev. 12 pp.  
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SLA TT 64-18410

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of the disintegration of RaO entering into the composition of certain  
phenylic derivatives

Etude de l'état chimique du RaE, apparaissant par suite de la  
désintégration du RaO, entrant dans la composition de certains  
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F/R.1540 - French

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ABC UCRL Tr 368

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AEC-UCRL-trans No 835(L)

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Sci - Chem  
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The Tautomerism of Some Derivatives of  
Heterocyclic Compounds, by Yu. N. Sheynker,  
T. V. Gortinskaya, T. P. Sycheva, 9 p.

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I. Relationships Between Catalysts of Homogeneous and Heterogeneous Reactions of the Acid-Base Type, by  
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Sci - Phys, Chem  
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AEC Tr 3278

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THE ELECTROCHEMICAL BEHAVIOR OF TITANIUM  
IN AQUEOUS SOLUTIONS I. HYDROGEN OVERPOTENTIAL  
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SLA/R-2674

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The State of Aggregation of Luminescent Organic Compounds in Polystyrenes, by I. E. Pani, E. E. Baroni, V. M. Shonikis, 8 pp.

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JPRS-L-938-N

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DESCRIPTORS: \*Thorium, Ions, Reduction (Chemistry),  
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TT-64-30101

Office of Technical Services

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The Role of Formaldehyde in the Oxidation of  
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DESCRIPTORS: \*Liquids, Physical properties, Theory, \*Vapor pressure, Temperature, Viscosity, Density, Crystallization, \*Thermodynamics, Fluid dynamics.

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The Kinetics and Mechanism of Catalytic Transformation  
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R. M. Flid, I. I. Moiseyev, Ye. M. Kalmykova, 9 pp.  
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JPRS 2394

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<p>Palatnik, L. S. and Kopeliovich, I. M. TOPOANALYTICAL INVESTIGATION OF EQUILIBRIUM DIAGRAMS OF MULTICOMPONENT EUTECTIC SYSTEMS, Pt. 2. [1962] 8p. Order from ATS \$10.25                           ATS-21P60R</p> <p>Trans. of Znat[naia] Fiz{fizika} Khim[ika] (USSR) 1957, v. 31, no. 5, p. 92-95. Another trans. is available from LC or SLA mt\$2.70, ph\$4.80 in 60-17712, TVA-5710, 12 Apr 58 [22]p.</p> <p>DESCRIPTORS: *Eutectics, *Chemical equilibrium, Topology, Mathematical analysis.</p> <p>For abstract see Technical Translations 4: 145, 1960.</p> <p>(Chemistry--Physical, TT, v. 6, no. 4)</p>	<p>62-17195</p> <p>I. Palatnik, L. S. I. M. Kopeliovich 1957-1962</p> <p>Associated Translators Services, Inc., West Orange, N. J.</p>	
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Etude de l'état chimique du thorium C formé par désintégration du thorium B entrant dans la composition de quelques dérivés phénylés du plomb

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F/R.1346 - French

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Processes at a Cadmium Amalgam Dropping Electrode,  
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Denisov, M. M. Emanuel. UNCL

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SLN 51-5572

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for Albert J. )

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Powdered Metallic Catalysts and Adsorbents by  
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AEC-BNL-Tr-195

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ATS RJ-1275

Sci - Phys, Chem  
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(NY-3552).

The Separation of Stable Isotopes of Nitrogen by  
the Chemical Exchange Method. I., by G. M. Panchenkov,  
I. A. Semenikhin, A. A. Ranzayeva, et al, 13 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 6, 1957,  
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A Study of the Hydrogen Exchange Reaction With the  
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Varshayevskiy, M. G. Lozhkin, A. I. Shatenshtein,  
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ATS RJ-1178

Sci - Phys, Chem  
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Chromium-Aluminum Catalyst, by G. D. Lubarskiy,  
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SLA 59-15484

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Spectrophotometric Study of the Reaction Between Sodium 1,3-Dioxy-2-(2'-Oxyazobenzene)-3,6-Naphthalene Disulphonate and Magnesium Ions, by V. N. Tolmachev, G. G. Lomakina, 13 pp.

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NLS: THEORETICAL

Sci - Phys, Chem  
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Studies of the Dehydrogenation of Butane-Butylene  
Mixtures by Means of Radioactive Carbon C<sup>14</sup>, by  
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Assoc Tech Sv Sv  
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VYAKHIREV D. A., BRUK A. I.

The influence of experimental parameters on the chromatographic separation of substances in the gas or vapor phase

Der Einfluss von Versuchsparametern auf die chromatographische Trennung von Stoffen in der Gas- oder Dampfphase

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On the Relation Between the Dipole Moment and  
Surface Tension, by O. A. Omipov, I. K. Shalomov,  
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SLA R-3126

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DESCRIPTORS: *Palladium, Electrodeposition, Metal coatings, Stresses	MT-59	180563
(Chemistry--Physical, TT, v. 6, no. 5)		
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Measuring the Melting Points of Aluminum and  
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Shakhovskoy, V. P. Butuzov, 7 pp.

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JPRS 2541

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Sci - Phys  
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The Physical Chemistry of Concentrated Ozone.  
Part II. Investigation of the Synthesis of  
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Reaction of Concentrated Ozone With Atomic  
Hydrogen, by N. I. Kobozev, et al.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 8,  
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(Possibly NSIR/TCL-109)

Coop Tr Sch 564

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S-76/60

(NY-3551).

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A Chemical Method for the Separation of Boron Isotopes, by G. M. Pannchenkov, V. D. Moiseyev, A. V. Makarov, 16 pp.

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JPRS 2519

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114 715  
AEC 60-4644

Frumkin, A.N.  
ETUDE DU MECANISME DE LA SEPARATION PAR  
ELECTROSENE DE L'HYDROGENE PAR INTRODUC-  
TION A LA SURFACE DE L'ELECTRODE, DE  
QUANTITES SUPPLEMENTAIRES D'HYDROGENE  
ATOMIQUE (Ob Issledovaniu Mekhanizma Elektrolyticheskogo Vydeleniya Vodoroda Metodom Vydeleniya  
Dopolnitel'nykh Kolichestv Atomarnogo Vodoroda na PowerElinost' Elektroda) (Investigation of Electrolytic  
Hydrogen Evolution by the Addition of Atomic Hydrogen  
to the Electrode Surface), 31p, (foreign text partially  
included 18refs, CNRS-VIII bis 790).  
Order from OTS, ETC or CNRS \$1.15 TT-62-29190

Trans, in French of Zhurnal Fizicheskoi Khimii (USSR)  
1957, v.31, no.8, p.1875-1890.

DESCRIPTORS: \*Electrolysis, Electrodes, \*Hydrogen,  
Surfaces, Atoms, Separation,

(Chemistry--Physical, TT, v. 11, no. 8)

TT-62-29190

I. Frumkin, A.N.  
II. CNRS-VIII bis 790  
III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services  
European Translations Centre

Application de La Mesure De La Micro-Durete A  
L'Etude Des Diagrammes D'Equilibre Binaires Et  
Ternaires Des Systemes Metalliques. (Application  
of the Microhardness Measurement to the Study of  
the Diagrams of Binary and Ternary Equilibria of  
Metallic Systems), by V. M. Glasov, V. N.  
Vigdorovich (Vigdorovitch), G. A. Korolkov, 13 pp.

FRENCH from RUSSIAN, per, Zhur Fiz Khim, Vol XXXI,  
1957, pp 1891-1897.

Reverse Translation  
AEC/CEA-Tr-R510

Relation of Zero Charge Points of Certain Metals to  
pH, by V. I. Heifets, et al. UNCLASSIFIED

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 9, 1957,  
pp 1992-1999.

\*DSIR/TCL 110

Sci - Phys  
Nov 58

Study of the Relation Between the Electrical Conductivity and the Adsorptional and Sensitizing Properties of Zinc Oxide. II. Electronic Processes in Zinc Oxide in Gas Phase Catalysis and Photo-catalysis, by I. A. Myasnikov, 13 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 9, 1957,  
pp 2005-2011.

AEC MP 171

Sci - Chem

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Jan 59

Kul'kova, N.V., and Temkin, M.I.  
DETERMINATION DE L'ENERGIE LIBRE DE L'OXYGENE DANS LA COUCHE SUPERFICIELLE DES CATALYSEURS D'OXYDATION. I.(Opravlenie Svojstvobodnoj Energii Kisloroda v Poverkhnostnom Sloje Oksidatorov) (The Determination of the Free Energy of Oxygen in the Surface Layers of Oxidation Catalysts. I.) 26p. (Foreign text included). Paris, CNRS-VIII bis 459.

Order from OIS, ETC or CNRS \$2.60. F162-28185

Printed in French at Zinatnaia Tiskarneskoi Ekipazhnoi USSR (1957), v. 3, no. 1, p. 201-202.

DESCRIPTION: Catalysts, Oxidation, \*Oxide, Energy, Surfaces, Tin fillets, Oxides, \*Valence, Chemical equilibrium.

ET- 62-28185

I. Kul'kova, N.V.  
II. Temkin, M.I.  
III. CNRS-VIII bis 459  
IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services  
European Translation Center

PP

<p>Antipin, L. N. and Dudyrev, V. K. THE BEHAVIOR OF THE CARBON ANODE IN THE ELECTROLYSIS OF CRYOLITE-ALUMINA MELTS. [1962] 10p. Order from K-H \$12.50</p> <p>K-II 8024 d</p> <p>Trans. of <u>Zhurnal Fizicheskoi Khimii</u> (USSR) 1957, v. 31, [no. 9] p. 2032-2035.</p> <p>DESCRIPTORS: *Cryolite, *Aluminum compounds, Oxides, Fused materials, Electrolysis, *Electro- chemistry, *Anodes (Electrolytic cell), Carbon.</p> <p>(Chemistry--Physical, TT, v. 9, no. 11)</p>	<p>63-12927</p> <p>I. Antipin, L. N. II. Dudyrev, V. K. III. K-II-8024-d IV. Kresge-Hooker Science Library Associates, Detroit, Mich.</p> <p>TT-64-30129</p>	
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Nature of the Chemical Bond in Thiocyanate Com-  
plexes of M<sub>n</sub> Metals, by Z. V. Zvonkova.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 9,  
1957, pp 2074-2077.

DSIR LLU RTS 1430

Sci - Chem

Aug 60

122,570

Akhunov, E. I. and Rozen, B. Ya.  
SUR LES RÈGLES D'ADSORPTION DU BROME ET  
DE L'IODE PAR LES ADSORBANTS MINÉRAUX EN  
PRÉSENCE DES CHLORURES ET SULFATES DE  
SODIUM ET POTASSIUM [O Zakonomernostyakh  
Adsorbtsii Broma i Yoda Mineralnymi Adsorbentami v  
Prisutstvii Khloridov i Sul'fatov Natriya i Kaliya] [Em-  
pirical Correlations in the Adsorption of Bromine and  
Iodine by Mineral Adsorbents in the Presence of the  
Chlorides and Sulfates of Sodium and Potassium] tr. by  
Kefeli. 18 Jan 60 [6]p. 3 refs. CEA Trans. no. R 806  
(text in French).  
Order from OTS or SLA \$1.10

61-23774

Trans. in French of Zhurnal Fizicheskoi Khimii  
(USSR) 1958, v. 32, no. 9, p. 2094-2096.

DESCRIPTORS: \*Iodine, \*Bromine, Adsorption, Gels,  
\*Catalysts, \*Alumina-silica catalysts, Aluminum com-  
pounds, Oxides, \*Adsorbents, Chlorides, Sulfates.

(Chemistry--Physical, TT, v. 6, no. 7) (over)

61-23774

- I. Akhunov, E. I.
- II. Rozen, B. Ya.
- III. CEA-tr-R806
- IV. Commissariat à l'Energie  
Atomique (France)

Office of Technical Services

Heat of Adsorption of N-Hexane and N-Heptane  
Vapors on Silica Gels, by A. A. Isirikyan,  
A. V. Kisalev, 12 p.

RUSSIAN, per, Zhur Fiz Khim, 1957, Vol XXXI,  
No 9, pp 2127-2137.

SLA 60-10584

Sci  
May 60  
Vol 3, No 4

116, 788

Methods of Sealing Samples When Studying the  
Kinetics of Catalytic Processes by the Diaphragm  
Method, by G. P. Korneichuk, N. A. Stukanovskaya,

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 9,  
1957, pp 2138, 2139.

AMM RJ-2034

Sci - Chem  
Dec 59

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Work With Alkali Metals, by P. P. Pugachevich, 6ypp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, 1957, pp  
2140-2142.

Australian AEC/E-27

Oct 59

Mise en evidence du radical hydroxyle libre  
per les spectres d'absorption des produits  
secondaires des reactions photochimiques  
en solution aqueuse. by G. A. Korshunovskii,  
9 pp.

RUSSIAN to FRENCH, per ZH. Fiz. Khim., SSSR.,  
Vol 31, No 10, 1957., 9069344

CEA R-1653  
Reverse Translation

Sci  
Nov 62

Kobozev, N.I.  
MÉCANISME DE LA CATALYSE. I. (O Mekhanizme Kataliza. I.) (On the Mechanism of Catalysis. I.), 61p. (foreign text included) 25refs. CNRS-VIII bis 462.  
Order from OIS, EIC or CNRS \$6.60 TI-62-28187

Trans., in French, of Zhurnal Fizikalicheskoy Khimii (SSSR) 1957, v. 31, no. 10, p. 2162-2183.  
Trans., in English, available from EIC or SIA no. 82-70,  
plus \$4. SIIAS TT-59-10305, 1959, 28p and from AJS  
\$2.725 as AJS-19K 233, 24p.

DESCRIPTORS: \*Catalysis, \*Iron, Adsorption,  
Hydrogenation, \*Thermodynamics, Hydrates, Ammonia, Iron catalysts, Sulfur compounds, Dioxides,  
Oxidation, Platinum catalysts.

(Chemical Abstracts, 1958, v. 51, no. 8)

TP-62-28187

I. Kobozev, N.I.  
II. CNRS-VIII bis 462  
III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services  
European Translations Centre

The Chemical Structure of the Surface of Quartz  
and of Silica Gel and Its Hydration, by S. P.  
Zhdanov, A. V. Kiselev.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 10,  
1957, pp 2213-2223.

AT&T RJ-1276

Sci - Phys, Chem  
Apr 60

114,568

S-75/60

(NY-3550).

The Separation of Stable Nitrogen Isotopes ~~III~~ by  
the Chemical Exchange Method, II., by G. M.  
Panchenkov, I. A. Semenikhin, O. P. Malashnikov, 9 pp.

RUSSIAN, per, Zhar Fiz Khim, Vol XXXI, No 10,  
1957, pp 2224-2226.

JPRS 2527

Sci - Chem  
Apr 60

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Mechanism of Metallic Corrosion in Narrow Crevices  
and Slits. III. Corrosion of Aluminium and Some  
of Its Alloys, by I. L. Rosenfel'd, et al.  
UNCLASSIFIED

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 10,  
1957, pp 2329-2336.

Co-op Tr Sch 598

Sci - Min/Met

Mar 59

82,417

Belaschenko, D. K.

VISCOSUS AND ELECTRICAL PROPERTIES OF LIQUID BINARY ALLOYS AND THEIR RELATION TO THE STRUCTURE OF THE LIQUID. [1960] 18p. (8 figs. omitted) 9 refs.

Order from LC or SLA m1\$2.40, ph\$3.30 61-10271

Trans. of [Zhurnal Fizicheskoy Khimii (USSR) 1957 v. 31, no. 10, p. 2269-2277.]

The hysteresis of the viscosity and the electrical conductivity of liquid alloys in the Cd-Sb, Pb-Tl and Bi-Tl systems was found. The alloys of the Sb-Sn and Cd-Cu do not develop hysteresis of these properties. A considerable influence of ordering on the properties of the systems was found. A tendency towards the appearance of anomalies according to the degree of removal from the ideal state was noticed. (The sequence is Pb-Tl Sb-Sn Pb-Ni Bi-Tl Cd-Sb Cd-Cu). (Author)

(Chemistry--Physical, TT, v. 5, no. 4)

61-10271

1. Alloys--Electrical properties
2. Alloys--Viscosity

1. Belaschenko, D. K.

143/89

Office of Technical Services

Some Problems in the Theory of Electro-Deposition  
of Alloys IV. Oscillographic Study of Cathode  
Potential in the Process of Alloy Deposition, by  
M. M. Polukarov, N. M. Gorbunova, 13 pp.

RSSSR, per, Zhur Fiz Khim, Vol XXXI, No 10, 1957,  
pp 2261-2266.

HTS-19M-41E

SIA 59-19566

Sci  
Jun 60  
Vol XXXI, No 5

61-20969/19,057  
ATG.RJ.2707

A Sensitive Method for the Determination of  
Diffusion Coefficients, by V. A. Geodakyan,  
A. A. Zhukovitsky, 10 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, 1957,  
pp 2295-2301. 9207632

AEC-Tr-563

Sci - Phys  
Jun 63

231876

On the Dissociation Energies of Molecules of the  
Oxides of the Alkaline Earth Elements, by T. V.  
Veits, L. V. Gurvich, 15 pp.

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pp 2306-2309 9003622

ABD UCRL Tr-708

Sci - Phys, Chem  
Dec 61

177, 442

The Diffusion of Phosphorus and Calcium in  
Melts of  $\text{CaO-Al}_2\text{O}_3-\text{SiO}_2$  and  $\text{CaO-P}_2\text{O}_5$ , by O. A.  
Yesin, Ye. S. Vorontsov, S. K. Chukharev,  
10 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 10,  
1957, pp 2322-2327.

SLA 60-17711

Sci

OTS, Vol IV, No 3

129,410

Sep 60

Mechanism of Corrosion of Metals in  
Narrow Cracks and Crevices. IV. Corrosion  
of Aluminum and Some of Its Alloys, by  
I. L. Rozenfel'd, I. K. Marshakov,  
RUSSIAN, per, Zhur Fiz Khim, Vol XXXI,  
1957, pp 2328-2335, P500017667  
Dept of Navy/QNI Tr 2242

Sci - Materials

Feb 67

999XAK

318 822

'On the Problem of Crystallization of Ultra-Pure  
Substances, by P. S. Vadilo, *Zhur Fiz Khim*

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 10, 1957,  
p. 2375-2376. 9676

Navy Tr 2582/NRL 80

Sci - Chemistry  
Jul 60

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Origin and Meaning of the Changing Energetic  
Characteristics of the Catalytic Process, by  
S. Z. Roginskiy, 10 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 11,  
1957, pp 2381-2390.

CSIRO  
SLA 12-5109

Sci - Chem  
Apr 62

190,469

RUSSIAN & FRENCH  
OTS 77-62-28189

The Mechanism of Catalysis. Part 2. The  
Mixed Heterogeneous-Chain Mechanism of Catalysis.  
by N. I. Kobozev,

RUSSIAN, per, Zhar Fiz Khim, Vol XXXI, No 11,  
1957, pp 2391-2399.

Assoc Tech Serv RJ-1419  
" " " 20K25R

Sci - Chem

Apr 59

85, 304

Kravtsov, V. I. and Loginova, I. S.  
THE DISSOLUTION MECHANISM OF CADMIUM  
AND CADMIUM AMALGAM IN ACID SOLUTIONS  
(O Mekhanizme Rastvorenija Kadmiya i Amalgamy  
Kadmiya v Rastvore Kislot). Oct 60 [14]p. 13 refs.  
RTS 171f.

Order from LC or SLA m1\$2.40, ph53.30 61-13498

Trans. of Zhurnal Fizicheskoy Khimii (USSR) 1957,  
v. 31, no. 11, p. 2438-2444.

The self-dissolution and the anodic dissolution of  
cadmium and of amalgamated cadmium in sulphuric  
acid solutions are shown to proceed at practically the  
equilibrium potentials of the corresponding electrodes.  
A method is indicated for determining, from the  
 $-\log c_{CdSO_4}$  curves, the effective cadmium sulphate  
concentration at the surface of a cadmium (or amal-  
gamated cadmium) electrode dissolving in sulphuric  
acid. The activity coefficient of the cadmium ion in  
solutions containing an excess of sulphuric acid  
(Chemistry-Physical, TT. v. 3, no. 5) {over}

61-13498

- I. Cadmium--Chemical reactions
- II. Kravtsov, V. I.
- III. Loginova, I. S.
- IV. Department of Scientific and Industrial Research (Gr. Brit.)

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Office of Technical Services

The Structure of Cu-Si Alloys and Their  
Catalytic Activity in the Reaction With Ethyl  
Chloride, by V. D. Krylov, Yu. N. Efremov.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 11,  
1957, pp 2522-2525.

Assoc Tech Serv AJ-1395  
" " " 56124R

Sci - Chem

Apr 59

85, 283

The Catalytic Effect of Solid Products in the Reduction of Nickel and Copper Oxides by Hydrogen,  
by V. V. Boldyrev, A. S. Ermolayev.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 11,  
1957, pp 2562-2570.

Assoc Tech Serv RJ-1393  
" " " 14K25R

Sci - Chem

Apr 59

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Method for Polarization Measurements in Poorly Conducting Solutions, by V. A. Gus'kov, M. Ya. Ficshin.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 11, 1957.  
pp 2575-2576.

MIT Lincoln Lab

Sci - Phys

Apr 58

61, 4494

An Apparatus for the Joint Determination of Viscosity,  
Density and the Fusion-Solidification Temperatures,  
by N. S. Emg Bubyreva, B. I. Markin, B. P. Bindas,  
Yu. A. Silkin, K. V. Chmutov, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, 1957,  
pp 2580-2583.

AEC Tr 3539

Sci - Phys  
Mar 59

82,889

<p>Mindovich, E. Ya. DISCUSSION SUR LA RÉPARTITION D'UNE SUBSTANCE ENTRE LES DEUX PHASES NON MISCIBLES [ON THE DISTRIBUTION OF MATTER BETWEEN TWO IMMISCIBLE PHASES] tr. by Schkaff. Reply to the paper by F. S. Kulikov. 15 Dec 59 [11]p. 13 refs. CEA Trans. no. R 779 (text in French). Order from OTS or SLA \$1.60 61-23743</p> <p>Trans. in French of Zhurnal Fizicheskoi Khimii [USSR] 1957, v. 31, no. 12, p. 27 [59]. (Original article pub. in Zhurnal Fizicheskoi Khimii [USSR] 1954, v. 28, p. 2232ff).</p> <p>DESCRIPTORS: Chemical equilibrium, *Picric acid, *Water, *Nitrobenzenes, Benzene.</p> <p>(See also 61-19600)</p> <p>(Chemistry--Physical, TT, v. 6, no. 7)</p>	<p>61-23743</p> <p>I. Mindovich, E. Ya. II. Kulikov, F. S. III. Title: Répartition... IV. CEA-tr-R779 V. Commissariat à l'Energie Atomique (France)</p> <p>Office of Technical Services</p>
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The Formation of Hydrogen Peroxide During  
Oxidation of Formaldehyde, by A. M. Markovich,  
L. F. Filippova. Ural.

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pp 2649-2655.

DSIR LIB M.1282

(loan)

Sci - Chem  
Mar 60

111136

On the Tautomerism of Certain Derivative  
Heterocyclic Compounds. Part V. Absorption  
Spectra and Structure of Certain Sulfanil-  
amides, by Yu. N. Sheinker.  
RUSSIAN, per, Zhurnal Fizicheskoi Khimii,  
Vol 31, No 12, 1957, pp 2656-2662.  
NTC-70-13189-07C

Feb 72